

**AMENDMENTS TO THE DRAWINGS:**

Subject to the approval of the Examiner, please replace the drawing sheets containing Fig. 5C and Fig. 6C with two (2) Replacement Sheets of drawings submitted herewith. The Replacement Sheets correct minor informalities present in Figs. 5C and 6C, as indicated in the attached Annotated Sheets. No new matter is added by these Replacement Sheets.

REMARKS

By this Amendment, the drawings are amended to correct minor informalities.

No claim is being amended. Thus, claims 1-149 remain pending in this application.

In a restriction requirement dated November 1, 2006, the Examiner required restriction under 35 U.S.C. § 121 between:

Group I: Claims 1-49 and 115-141, allegedly drawn to a method for sensing electrical signals;

Group II: Claims 50-108 and 142-149, allegedly drawn to a sensing and processing system; and

Group III: Claims 109-114, allegedly drawn to a method of detecting and sensing neurological signals from a part of the body.

Although Applicants do not necessarily agree with the Examiner's assertions concerning the allegedly distinct claimed inventions, Applicants provisionally elect to prosecute Group II (i.e., claims 50-108 and 142-149), with traverse.

Please grant any extensions of time required to enter this Reply and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: November 30, 2006

By:   
Leslie I. Bookoff  
Reg. No. 38,084

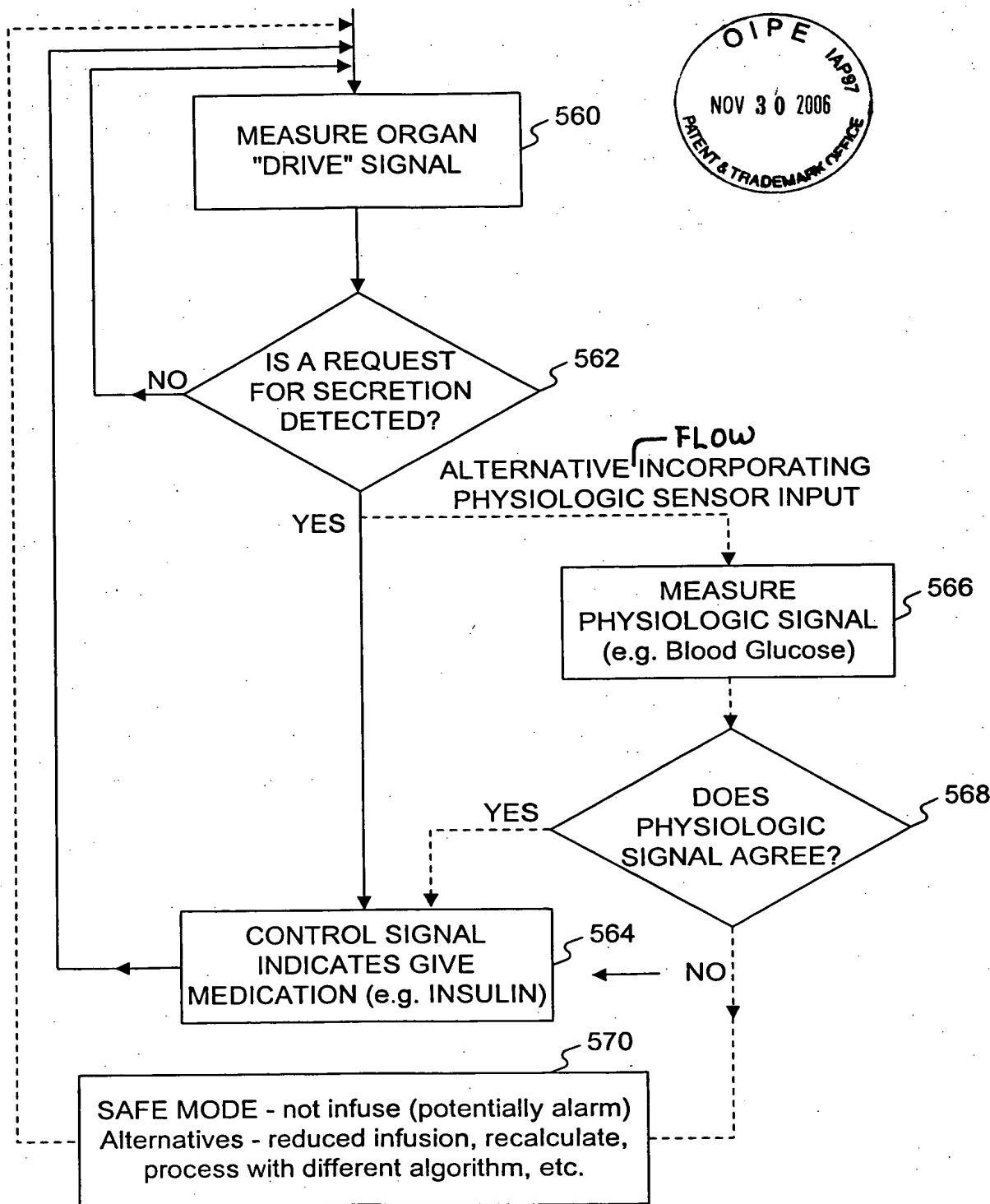
Attachments:

- two (2) Replacement Sheets containing Figs. 5C and 6C
- two (2) Annotated Sheets Showing Changes

**<ANNOTATED SHEET SHOWING CHANGES>**

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Application No. 10/717,924  
Filing Date: November 21, 2003  
Attorney Docket No.: 8790.0011-00



**FIG. 5C**

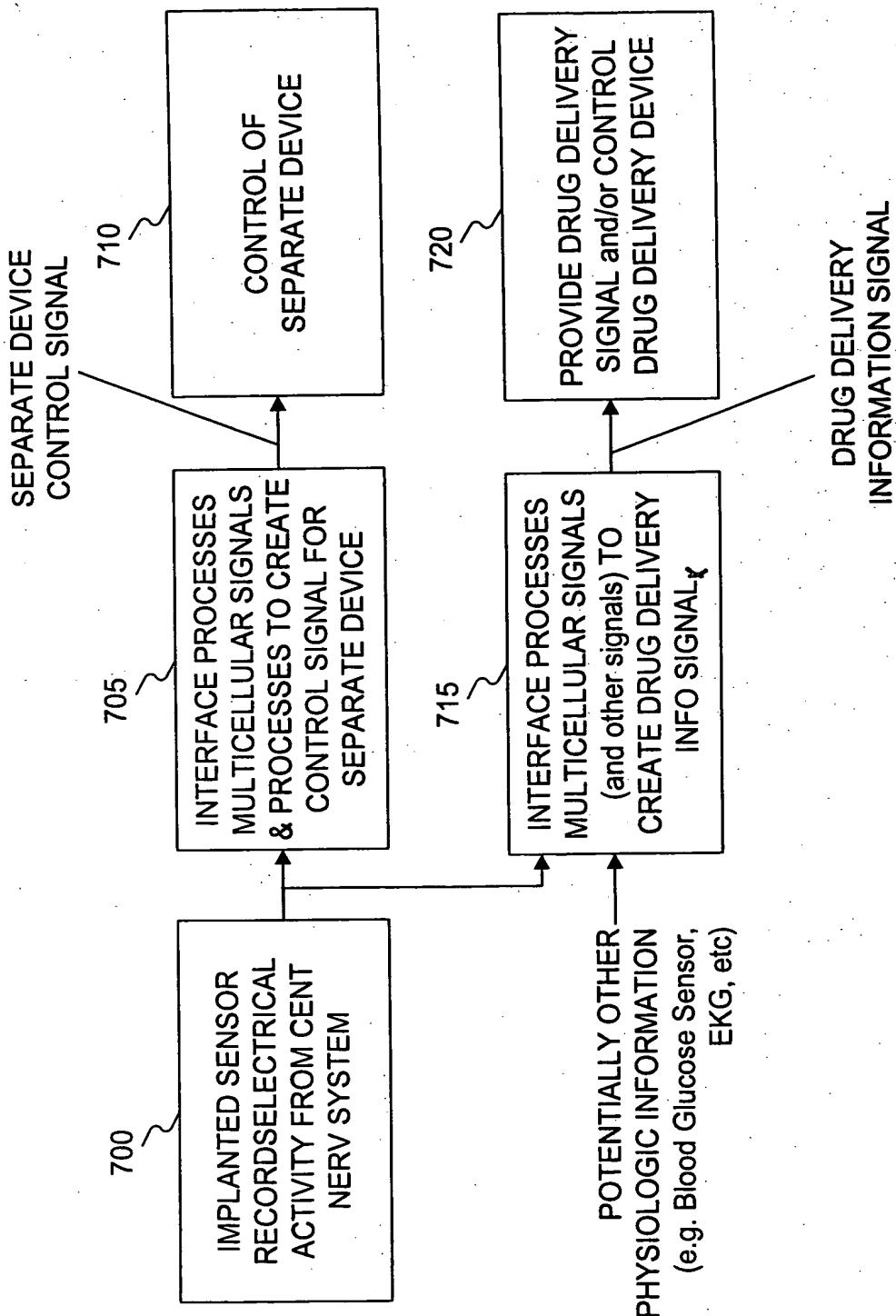
<ANNOTATED SHEET SHOWING CHANGES>

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**FIG. 6C**